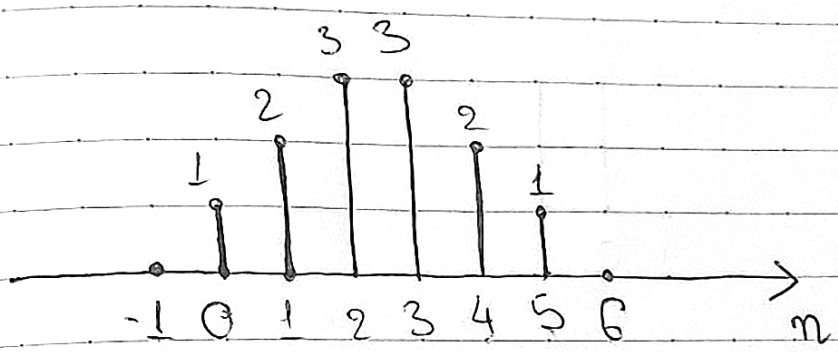
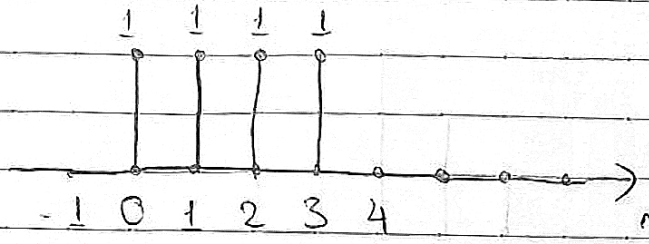
$R(n)$



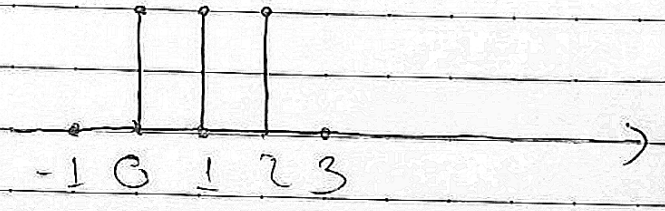
Thứ
Ngày . . No.

Vì $h_1(n) // h_2(n)$ nên $h_{12}(n) = h_1(n) + h_2(n)$

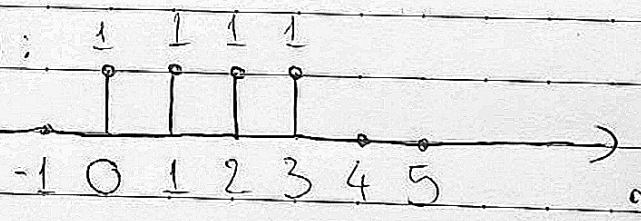
$h_{12}(n)$



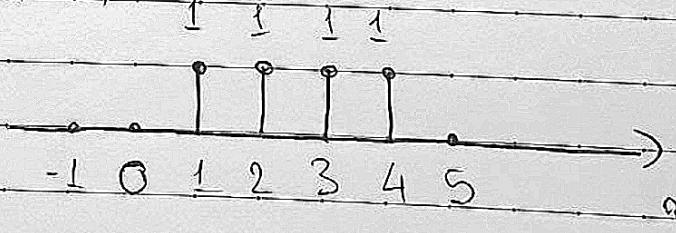
$h_3(n)$



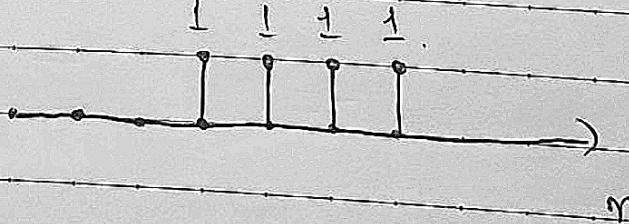
$h_{12}(n)$:



$h_{12}(n-1)$

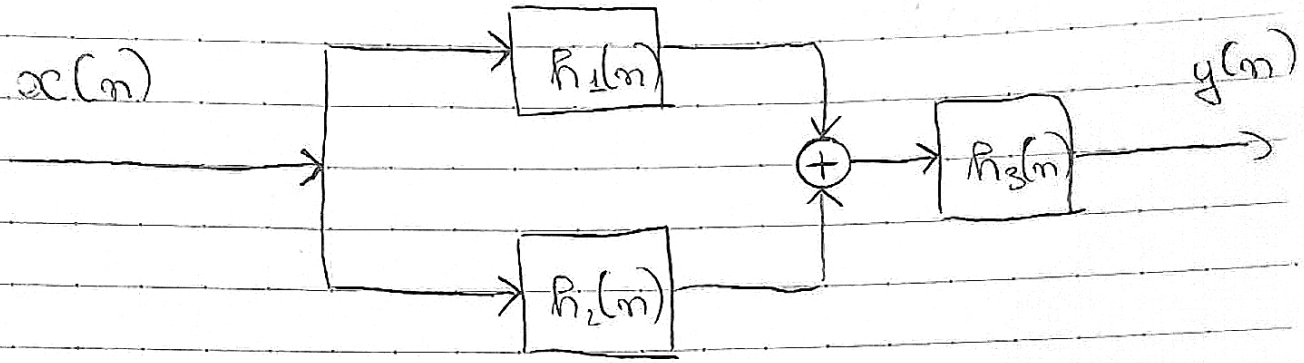


$h_{12}(n-2)$



→ $h(0) = 1$, $h(1) = 2$, $h(2) = 3$, $h(3) = 3$

$h(4) = 2$, $h(5) = 1$

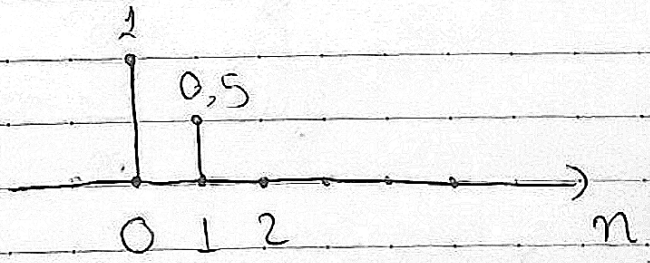


$$h_1(n) = \begin{cases} 1 - \frac{n}{2}, & 0 \le n \le 2 \\ 0, & n \ne \end{cases}$$

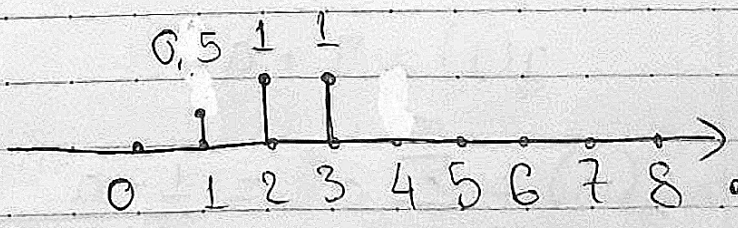
$$h_2(n) = \frac{1}{2}\delta(n-1) + u(n-2) - u(n-4)$$

$$h_3(n) = rect_3(n)$$

⊕ $h_1(n)$



⊕ $h_2(n)$



$$\Rightarrow h_1(n) + h_2(n) = h_{12}(n)$$